

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, of claims in the application:

LISTING OF CLAIMS

- 1 1. (Original) A method of configuring network devices comprising:
2 preparing a page for sending to a client process from a server, the page comprising a
3 form having a plurality of input fields and a submit button;
4 associating with the form one of a first submit method for obtaining information
5 about a state of a particular network device, and a second submit method for
6 changing the state of the particular network device;
7 sending the page to the client process; and
8 in response to activation of the submit button in the client process, executing routines
9 to operate on the particular network device based on a submit method
10 associated with the form.
- 1 2. (Original) A method as recited in Claim 1 wherein the form includes a hidden
2 variable having a value for uniquely identifying the particular network device.
- 1 3. (Original) A method as recited in Claim 1, wherein said executing routines to operate
2 on the particular network device comprises,
3 determining whether a first variable for data input associated with the first
4 submit method is empty, and
5 if it is determined that the first variable is not empty, then

6 executing get routines to obtain information about the state of the
7 particular network device, and
8 assigning values for the plurality of input fields based on the
9 information about the state of the particular network device;
10 and
11 wherein the method further comprises sending the page to the client process including
12 the form with the second submit method after said assigning.

1 4. (Original) A method as recited in Claim 3, wherein said executing routines to operate
2 on the particular network device further comprising:
3 if it is determined that the first variable is empty, then:
4 obtaining current values of the plurality of input fields from a second variable
5 associated with the second submit method; and
6 executing set routines to change the state of the particular network device based on
7 the current values of the plurality of input fields.

1 5. (Original) A method as recited in Claim 1, wherein:
2 the first submit method is a form get method returning values of the plurality of input
3 fields in a first environmental variable; and
4 the second submit method is a form post method returning values of the plurality of
5 input fields in a second environmental variable.

1 6. (Original) A method as recited in Claim 1, wherein:
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2 the second submit method is a form get method returning values of the plurality of
3 input fields in a first environmental variable; and
4 the first submit method is a form post method returning values of the plurality of
5 input fields in a second environmental variable.

1 7. (Original) A method as recited in Claim 5, wherein the page is a Hypertext Markup
2 Language (HTML) page; the first environmental variable is a "Request.QueryString";
3 and the second environmental variable is a Request.Form.

1 8. (Original) A method as recited in Claim 1, wherein the steps of preparing a page and
2 executing routines are performed by a processor configured based on statements of a
3 scripting language in a single script file.

1 9. (Original) A method as recited in Claim 8, wherein the form further comprises a
2 reference to the single script file associated with activation of the submit button.

1 10. (Original) A computer-readable medium carrying one or more sequences of
2 instructions for configuring network devices, which instructions, when executed by one or
3 more processors, cause the one or more processors to carry out the steps a method comprising
4 of:

5 preparing a page for sending to a client process from a server, the page comprising a
6 form having a plurality of input fields and a submit button;

7 associating with the form one of a first submit method for obtaining information
8 about a state of a particular network device, and a second submit method for
9 changing the state of the particular network device;
10 sending the page to the client process; and
11 in response to activation of the submit button in the client process, executing routines
12 to operate on the particular network device based on a submit method
13 associated with the form.

1 11. (Original) A computer-readable medium as recited in Claim 10, ~~further comprising~~
2 ~~instructions which, when executed by the one or more processors, cause the one or~~
3 ~~more processors to carry out the steps of~~ wherein the method further comprises:
4 during said executing routines to operate on the particular network device,
5 determining whether a first variable for data input associated with the first
6 submit method is empty, and
7 if it is determined that the first variable is not empty, then
8 executing get routines to obtain information about the state of the
9 particular network device, and
10 assigning values for the plurality of input fields based on the
11 information about the state of the particular network device;
12 and
13 sending the page to the client process including the form with the second submit
14 method after said assigning.

1 12. (Currently Amended) ~~An apparatus computer system~~ for configuring network
2 devices:
3 a network interface; and
4 one or more processors connected to the network interface, the one or more
5 processors configured for at least performing a method comprising:
6 preparing a page for sending to a client process from a server, the page
7 comprising a form having a plurality of input fields and a submit
8 button;
9 associating with the form one of a first submit method for obtaining
10 information about a state of a particular network device, and a second
11 submit method for changing the state of the particular network device;
12 sending the page to the client process; and
13 in response to activation of the submit button in the client process, executing
14 routines to operate on the particular network device based on a submit
15 method associated with the form.
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1 13. (Original) An apparatus for configuring network devices, the apparatus comprising:
2 means for preparing a page for sending to a client process from a server, the page
3 comprising a form having a plurality of input fields and a submit button;
4 means for associating with the form one of a first submit method for obtaining
5 information about a state of a particular network device, and a second submit
6 method for changing the state of the particular network device;

7 means for sending the page to the client process; and
8 means for executing routines to operate on the particular network device, in response
9 to activation of the submit button in the client process based on a submit
10 method associated with the form.

1 14. (New) A network comprising:
2 the apparatus of claim 12; and
3 the network devices, wherein the network devices are communicatively coupled to
4 the apparatus.

1 15. (New) A method as recited in claim 1, wherein the second submit method includes at
2 least:
3 changing the state of the particular network device; and
4 obtaining the information about the state of the particular network device.

1 16. (New) A method of configuring network devices comprising:
2 a client process receiving from a server, a page comprising a form having a plurality
3 of input fields and a submit button;
4 receiving user input;
5 activating the submit button in response to the user input;
6 in response to the activating, sending a signal associated with the user input to the
7 server;
8 the client process receiving from the server the page having information in the
9 plurality of input fields;

10 wherein the form is associated with one of a first submit method for obtaining the
11 information about a state of a particular network device, and a second submit
12 method for changing the state of the particular network device, based on the
13 user input; and
14 wherein the information is obtained by executing routines to operate on the particular
15 network device based on a submit method associated with the form.

1 17. (New) A computer-readable medium as recited in Claim 10 wherein the form
2 includes a hidden variable having a value for uniquely identifying the particular
3 network device.

1 18. (New) A computer-readable medium as recited in Claim 11 wherein said executing
2 routines to operate on the particular network device further comprising:
3 if it is determined that the first variable is empty, then:
4 obtaining current values of the plurality of input fields from a second variable
5 associated with the second submit method; and
6 executing set routines to change the state of the particular network device based on
7 the current values of the plurality of input fields.

1 19. (New) A computer-readable medium as recited in Claim 10, wherein:
2 the first submit method is a form get method returning values of the plurality of input
3 fields in a first environmental variable; and
4 the second submit method is a form post method returning values of the plurality of
5 input fields in a second environmental variable.

- 1 20. (New) A computer-readable medium as recited in Claim 10, wherein:
2 the second submit method is a form get method returning values of the plurality of
3 input fields in a first environmental variable; and
4 the first submit method is a form post method returning values of the plurality of
5 input fields in a second environmental variable.
- 1 21. (New) A computer-readable medium as recited in Claim 20, wherein the page is a
2 Hypertext Markup Language (HTML) page; the first environmental variable is a
3 "Request.QueryString"; and the second environmental variable is a Request.Form.
- 1 22. (New) A computer-readable medium as recited in Claim 10, wherein the steps of
2 preparing a page and executing routines are performed by a processor configured based on
3 statements of a scripting language in a single script file.
- 1 23. (New) A computer-readable medium as recited in Claim 22, wherein the form
2 further comprises a reference to the single script file associated with activation of
3 the submit button.
- 1 24. (New) A computer-readable medium as recited in claim 10, wherein the second
2 submit method includes at least:
3 changing the state of the particular network device; and
4 obtaining the information about the state of the particular network device.

1 25. (New) An apparatus as recited in Claim 12 wherein the form includes a hidden
2 variable having a value for uniquely identifying the particular network device.

1 26. (New) An apparatus as recited in Claim 12, wherein said method further comprises:

2 determining whether a first variable for data input associated with the first

3 submit method is empty, and

4 if it is determined that the first variable is not empty, then

5 executing get routines to obtain information about the state of the

6 particular network device, and

7 assigning values for the plurality of input fields based on the

8 information about the state of the particular network device;

9 and

10 wherein the method further comprises sending the page to the client process including

11 the form with the second submit method after said assigning.

1 27. (New) An apparatus as recited in Claim 26, wherein said executing routines to

2 operate on the particular network device further comprising:

3 if it is determined that the first variable is empty, then:

4 obtaining current values of the plurality of input fields from a second variable

5 associated with the second submit method; and

6 executing set routines to change the state of the particular network device based on

7 the current values of the plurality of input fields.

1 28. (New) An apparatus as recited in Claim 12, wherein:

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2 the first submit method is a form get method returning values of the plurality of input
3 fields in a first environmental variable; and
4 the second submit method is a form post method returning values of the plurality of
5 input fields in a second environmental variable.

1 29. (New) An apparatus as recited in Claim 12, wherein:

2 the second submit method is a form get method returning values of the plurality of
3 input fields in a first environmental variable; and
4 the first submit method is a form post method returning values of the plurality of
5 input fields in a second environmental variable.

1 30. (New) An apparatus as recited in Claim 28, wherein the page is a Hypertext Markup
2 Language (HTML) page; the first environmental variable is a "Request.QueryString";
3 and the second environmental variable is a Request.Form.

1 31. (New) An apparatus as recited in Claim 12, wherein the steps of preparing a page and
2 executing routines are performed by a processor configured based on statements of a
3 scripting language in a single script file.

1 32. (New) An apparatus as recited in Claim 31, wherein the form further comprises a
2 reference to the single script file associated with activation of the submit button.

1 33. (New) An apparatus as recited in claim 12, wherein the second submit method
2 includes at least:

- 3 changing the state of the particular network device; and
- 4 obtaining the information about the state of the particular network device.